

<210> 61
 <211> 354
 <212> DNA
 <213> Pinus taeda

<400> 61
 ggtgcatcc cacactccta accctattat atgtctcccg tccatggagt catagaagga 60
 gtacgataat atgcccttca gccaaagcgaa gtatgacttt agtatggcca ggcagcagta 120
 tgaaagcaca tcttggtttct tccagggtcgg catgtatagt ctccggaggc taacaatgtc 180
 acccaaagct aattgcgcaa acggaactcc tctgctgata tcccgggaac ttaggcggaa 240
 ccaccctgaa tccactattc tcaccgcgca ttcatccct ttggtgaacg ccgctgcctc 300
 tggtagatac agagctggct tgtctccact ggaaccccct ttccggatcg cacc 354

<210> 62
 <211> 364
 <212> DNA
 <213> Pinus taeda

<400> 62
 ggtgcatcc aaactgtggt tatcggtgga gagattaagc aatttattgg agtagcaagt 60
 acgctgaatt aaggggggtcc atcttcaagc aaaggttcct ttggatgact atgtgttctg 120
 gaagtgttta tggatcaatc atctcataaa ttttggtaat atataacaga agattatggc 180
 atccagttag gatggtagtt tcattgaggt atagtaaaaa ctacactagt cttgtgttg 240
 caccacttt tcagagaagt caggaggtct ctttgtgaat cattgataac tttatgagt 300
 ggtacctaaa tgaaatattt gcattcttgat tatatactca attgatctta cttgtggatc 360
 gcac 364

<210> 63
 <211> 381
 <212> DNA
 <213> Pinus taeda

<400> 63
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 gagaagacga cagaacacct atcataactt gaattctgat gcaaactcgga atttgccaaa 120
 aacttggaagc gaaatataat aggcaatctc atccccgcaa gtaacaaaaa aattgcatga 180
 aagctcaaat cctatgtgct ttacaccttg actgcatact ttctcattgg aaaatacatc 240
 tctttctttt tctgtctctc agtcttcaat gacgcctgat gcttggttaag gcgtcgctc 300
 atagcacgag tcttcttggg acgcaaatca agaggcaggc acttcttttt tttgtatgct 360
 tctcttaatg cggatcgcac c 381

<210> 64
 <211> 382
 <212> DNA
 <213> Pinus taeda

<400> 64
 ggtgcatcc aagattgtac ggcacaggca aatgctgttc tttttcttaa tcacgatgtg 60
 cttgaagaat atgagcgccg atgtgaacag atccacaacc tggagttaaa attggaggaa 120
 gacagagcag tgctgaatag gagcttggca gaaataaata gtcttaagga atcctggctt 180
 ccacattga ggagtttggt taccagaatt aatgaaactt tcagccacaa ctttcaaggg 240
 atggctgttg ctggagaagt tacactagat gaacatggca tggattttga caagttatgg 300
 tattctaata aaagtcaagt tcaggcaaac tggacagttg caggattga attgctcatc 360
 atcagctctg agggatcgca cc 382

<210> 65
 <211> 367
 <212> DNA
 <213> Pinus taeda

<400> 65
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 ttgggcaata tgtgcaagac gtggacaaat gaagcgggta aagggaagct tatggactat 120
 ggaatagagg gtcttgaaga gctaactcta gtgggtgata ctcaaaatga aggaataagc 180
 cgtggttttg cttttatagc attttctacg cacatggatg cgatgaatgc atacaaacgc 240
 cttcagaggc cagatgttat ttttggtgct gatcgaactg cgaatgtggc atttgcagag 300
 ccactgcgtg agcctgacga agagatcatg gcccagggta agtcagtgtt gttgatggga 360
 tcgcacc 367

<210> 66
 <211> 298
 <212> DNA
 <213> Pinus taeda

<400> 66
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 catagtctgg tcaaaccaga ctgtattgtt gctaaagtta tggaaattct ggccatattt 120
 ttgtctaacc agactgtatt gttgccaaag ttatgggaat tccggctata tttttgtctt 180
 cgaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaga tcataggggt gtctgtgcgt 240
 gtctctcttc ttacacaaca aatttgtgtg ttttgcgaact atcccatggg atcgccacc 298

<210> 67
 <211> 425
 <212> DNA
 <213> Pinus taeda

<400> 67
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 tgctgggcca tctgggggat gagcaatagc atcggaggcc aagttcttct gcagccgggc 120
 accaaatgcc atgtggaggt ctgaatctta gtttggaggt cgaagtttca atccccctgt 180
 gtttactctg tttctgggtt tatttgaata atttgagcaa tttaatgtgg gtcttagtg 240
 cttctgtgga tcagattcta gggaacgcc tcttgataag taaagatccg agttttaatg 300
 gagattcaat tctatcagaa ttccatgggt gtttaaattc ccttgtagtg ttgatctacg 360
 tcgctttgta tatcagtgtg tgtaagatt ttctcagaat ccacagcttt gttatggatc 420
 gcacc 425

<210> 68
 <211> 335
 <212> DNA
 <213> Pinus taeda

<400> 68
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 atcatatact gaggcataca ctttgttgat aaaactttaa acaagaacaa tatttgcagc 120
 atattagccc acatgccata atgacaaaaca aatatgagaa cactgcctac aggtttgcca 180
 aaagcatggc cctcactttt gccctgaggt catcaggagc ttctgaggct cgagaaggag 240
 aaaaagattg tgtcacttca ggagctgagg cctccacatc ttttaatgat ttgcgagcag 300
 gcctctcttt aatgttttct ttagaggatc gcacc 335

<210> 69
 <211> 711
 <212> DNA
 <213> Pinus taeda

<400> 69
 ggtgcatcc aaggtagag cgaacaagtt tttcagcaa gccacctgga actttccatg 60
 agtccaaaac aagttgaaga aggtctcttt ggctactttt aagatgctga agtgattgtg 120
 ctgcctcttt gcacagttca accgcaataa cattgggttt tacaaaaccg attacctgtt 180
 taacctgctg tgcactcttt ttcgaaacat gacaagttcc aacaagataa acttcggccc 240
 cattctcgcc attccgcaaa taaaccacgc tctcatcttc tgtatcgaa ctcgagtgc 300
 tgccacgacg ctcaattgca ggattccaac cccggacttg cgaatggtgc aaagcgatgc 360
 ccgttcgtct cagcgatact gctaaagatc ggagaccgcg aaccagtttg atgcttccat 420
 tgccttaaac atccagagtt ttcttcgac cttaaaccct aacaagatta ctgatttctg 480
 gtccgtagtg tcaatgtctg ttatacttct cacaatctg tcacactcct gataatcttc 540
 ggtattgaac ttcatgtaat tgaattttcc ttctcattgg aattcaattg taccttgtaa 600
 atgtctggat cctacactat accaatattt acaggtctga gtattttgcc tgtagtataa 660
 ttatctttcc ttccggtctg tgtttccgta ttatctgtgt aggatcgcac c 711

<210> 70
 <211> 622
 <212> DNA
 <213> Pinus taeda

<400> 70
 ggtgcatcc cggggggagg ttgatgttct gagagaatca atgaagggat ttcagctgag 60
 cttgcctttt tgaagacgga atgcgaacaa ccagtcattt gcaatagcga gaattctctt 120
 aagccactgc ctgctgggga ggagagttct gattccggtg attgcatcac tcaacggcag 180
 cagcagcggc agaaccctta gtttcccatg acaggtctct ctgtacaagt atcttctgt 240
 tatgatctaa ttccgggttg ttgattatc gtgatgtctc ctgtattgac atattagcag 300
 aatattacca tgatacgatg ttaagtggca tggtttatgc cctgcattgt atgttatgga 360
 ggaggtgagg catgtggcgc tcatgggagg gccacatgg tccatggacg tcttattaaa 420
 cgcattagtg tgaatgaaa tagttcaata cattcaaaat tccaacacaa ttccattaca 480
 atggaagtga cttcgacttg aatgttcatt gaagcatttg catgcacaaa caaagtatac 540
 tagattagaa gaaaattgca aaaaaggaca ttgtgcctt cttagtgaat atataaagat 600
 gttcttcatg ctggatcgca cc 622

<210> 71
 <211> 471
 <212> DNA
 <213> Pinus taeda

<400> 71
 ggtgcatcc caatagccaa tattgcctcc aagatagcct agactgcctt ttgcatagtt 60
 ctagaagcca gtcacccaac ctccaaaag aaattgcgca atctttccca tcagtttccc 120
 gggtagtgt tctgtcattc cccgaatttt ctttggtttt cactaataga tttctttcca 180
 tgcacattgc ttgtctccag atcttttagg tgttcatcca tctcttagta gtactagatc 240
 gatggcttcc aagagaacag gatcatatga cactgttgga aatgtagctg gagcagcagt 300
 tgagcaagtg tctctagtc tatctatcta tgaaagatac acattgtttc tagacatgga 360
 tatcaaattg aaattgccag aagtcctatga aacatttgcc gccttttgaa gaaaggctcc 420
 aaactgtcag gggttcgtga acatcacatg ttctcgtgt ctgatcccc c 471

<210> 72
 <211> 418